TIMOTHY W. MCPARTLAND, SE

**REGISTRATION**

Registered Civil Engineer, California, CE 45975

Registered Structural Engineer, California, SE 3826

Registered Civil Engineer, Nevada CE19034

Registered Professional Engineer, Idaho 15420

**EDUCATION**

Bachelor of Science in Architectural Engineering, 1987

California Polytechnic State University, San Luis Obispo, California.

Cum Laude

### ENGINEERING BACKGROUND

Mr. McPartland has over 30 years of structural design experience in many types of structures including solar installations, telecommunication equipment, schools, tilt-up concrete office/R&D/distribution building, steel framed medical office buildings, and special structures such as tanks and bridges. The following is a list of employment engagements:

June, 1985 - June,1987 Fred Schott and Associates, San Luis Obispo, CA

July,1987 – June, 1988 Robert Englekirk and Associates, Sacramento, CA

July, 1988 – September, 1995 Lionakis Beaumont Design Group, Sacramento, CA

October, 1995 – November,1997 Pacific Response Incorporated, Sacramento, CA

December, 1997 – Present ATM Engineering, Sacramento, CA

**PROJECT EXPERIENCE**

Samples of projects are as follows:

* Raging Wire Data Centers, Sacramento, CA – Two approximately 180,000 square foot data centers in Sacramento, CA including remodel of existing buildings for large scale mechanical, electrical, and backup electrical equipment and multi-floor office improvements.
* Gateway Oaks Solar Installation, Sacramento, CA – 150-kilowatt roof solar installation
* Silverado Middle School Solar Installation, Sacramento, CA – 80-kilowatt roof solar installation
* Grant Elementary School, Sacramento, CA – 170-kilowatt ground mounted solar installation
* Gateway Oaks Solar Installation, Sacramento, CA – 150-kilowatt roof solar installation
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* City of Suisun Office Buildings, Suisun, CA – Two buildings totaling 54,000 square foot of office space as part of a downtown revitalization project. Total construction cost is $5.4 million.
* Boulevard Theater, Petaluma, CA - Seismic upgrade and large addition to an existing historic unreinforced masonry building for use as a new movie theater. Total cost is $5.0 million.
* Theater Square, Petaluma, CA – Two, three story buildings totaling 150,000 square feet. One of the buildings is loft apartments over retail space. These wood apartments are built above a post-tension podium slab.
* Shea Properties Buildings 8, 9, and 10, Roseville, CA – Three, two story concrete tilt up buildings totaling 120,000 square feet. Total construction cost is $13.0 million.
* Shea Properties Building 6, Roseville, CA –Two story concrete tilt up buildings totaling 100,000 square feet. Total construction cost is $10.0 million
* Saint Gobain Warehouse, Fairfield, CA – Concrete tilt-up building with 35-foot interior clear height approximately 1 million square feet. Construction costs of $50 million.
* Schmalbach-Lubeca, Fairfield, CA – 350,000 square foot manufacturing and distribution facility for Schmalbach-Lubeca. One-story, 30-foot clear tilt-up building with a wood framed roof.
* Dollar Tree Distribution Center, Stockton, CA – 320,000 square foot distribution/office facility for Dollar Tree Stores. One-story, 35-foot clear tilt-up building with steel framed roof plus a two-story, steel framed office area.
* KLA Tencor, Livermore, CA – Two two-story 90,000 square foot office/manufacturing/R&D buildings including clean rooms. Steel framed buildings.
* Weightronix, Santa Rosa, CA – 90,000 square foot office/manufacturing/R&D facility for the Weightronix Corporation. One-story, 30-foot clear tilt-up building with wood framed roof system.
* Brickway 97 (Radoux), Santa Rosa, CA – 97,000 square foot office/manufacturing facility for the Radoux Corporation. One-story, 30-foot clear tilt-up building with wood framed roof system.
* Valspar, Sacramento, CA – 85,000 square foot office/distribution center for the Valspar Corporation. One-story, 30-foot clear tilt-up building with wood framed roof system.
* John Davis Company, Sacramento, CA – 50,000 square foot office/manufacturing facility for the John Davis Company. One-story, 30-foot clear tilt-up building with wood framed roof system.
* Chadborne/Courage, Fairfield, CA – 75,000 square foot spec building. One-story, 28-foot clear concrete tilt-up building with a wood framed roof system.
* Industrial Devices Corporation, Petaluma, CA – 90,000 square foot build-to-suit for the Industrial Devices Corporation. One-story with office mezzanine, 30-foot clear tilt-up building with wood framed roof system.
* Oak Valley Buildings 1 & 2, Santa Rosa, CA – Two office/R&D buildings for a total of 85,000 square feet. Both buildings are two-story with steel framed roof and floor structures with tilt-up concrete walls.
* Airways Business Center, Livermore, CA - Two office/R&D buildings for a total of 150,000 square feet. Both buildings are one-story, 24-foot clear tilt-up concrete buildings with wood framed roof systems.
* Sierra Business Center III, Roseville, CA – 240,000 square foot tilt-up concrete building with 30 foot clear and wood framed roof structure.
* Ramona Ave Industrial Park, Sacramento, CA – Two spec office/industrial spec buildings with a total of 130,000 square feet. Buildings are tilt-up concrete with wood framed roof system.
* Armored Transport Incorporated, West Sacramento, CA – 30,000 square foot build-to-suit vault and counting building for Armored Transport Inc. Tilt-up concrete with wood framed roof system.
* Western Contract Furnishers, Sacramento, CA – 40,000 square foot storage and distribution facility for Western Contract Furnishers. Building is 30 foot clear, tilt-up concrete with a wood framed roof system.
* Lakeville Industrial Center, Petaluma, CA – Two 30,000 square foot office/R&D build-to-suit buildings with tilt-up concrete walls and wood framed roofs.
* Napa Valley Gateway Lots 10 & 18, Napa, CA - Two 30,000 square foot office/R&D build-to-suit buildings with tilt-up concrete walls and wood framed roofs.

1. Granite Park Office Building, Sacramento, CA – 135, 000 square foot, three-story steel frame shell building. Composite steel deck and beams for the floors, concrete tilt-up for the exterior walls.
2. Gold Meadow Office Buildings, Sacramento, CA - Two 50,000 square foot 2-story steel moment frame office buildings. Composite steel deck and beams for the floors, steel stud exterior curtain walls.
3. 1435 North McDowell, Petaluma, CA - 80,000 square foot 3-story steel moment frame office building. Composite steel deck and beams for the floors, steel stud exterior curtain walls.
4. 1465 North McDowell, Petaluma, CA - 140,000 square foot 2-story concrete tilt-up building.
5. Pacific Distribution Center, Fresno, CA - 500,000 square foot concrete tilt-up distribution center for The Gap. Steel open-web roof framing and 36 ft. clear height.
6. Sierra Business Center II, Roseville, CA - 240,000 sq. ft. concrete tilt-up building with panelized wood frame roof and 32 ft. clear height
7. The Disney Store, Memphis, TN - 650,000 sq. ft. building with open web steel roof structure, concrete tilt-up walls, and ballasted roofing system
8. Kenworth Repair Facility, Memphis, TN - 80,000 sq. ft. building with concrete tilt-up walls and open web steel roof structure
9. Fairbanks II, Memphis, TN - 75,000 sq. ft. building with concrete tilt-up walls and open web steel roof structure.
10. Folsom Sierra Offices, Folsom, CA - Two 30,000 sq. ft. concrete tilt-up building with panelized wood frame roof.
11. Next Level Communications, Rohnert Park, CA - 110,000 sq. ft. 2-story concrete tilt-up building with panelized wood frame roof
12. Santa Rosa Steel, Santa Rosa, CA - 90,000 sq. ft. steel fabrication and office facility. Concrete tilt-up with wood panelized roof system.
13. Oak Mead Industrial Park, Petaluma, CA - Two 40,000 sq. ft. concrete tilt-up buildings with panelized wood frame roof
14. Cader Lane Industrial Park, Petaluma, CA - Two 50,000 sq. ft. concrete tilt-up buildings with panelized wood frame roof
15. Napa Valley Gateway, Napa, CA - 30,000 sq. ft. concrete tilt-up building with panelized wood frame roof
16. Oak Ridge Retail Center, Sacramento, CA - 20,000 sq. ft. wood frame retail building with wood prefabricated trusses
17. Kaiser Medical Office Building No, 2, South Sacramento, CA - 3-story steel moment frame building. Composite steel deck and beams for the floors, steel stud exterior curtain walls
18. Kaiser Medical Office Building No. 3, South Sacramento, CA - 3-story steel moment frame building. Composite steel deck and beams for the floors, steel stud exterior curtain walls
19. Oconnell Technology Center, CSU Chico, CA - 3-story steel braced frame building. Composite steel deck and beams for the floors, steel stud exterior curtain walls
20. Northern California Data Center, Pacific Bell, Fairfield, CA - 2-story steel chevron braced building. Composite steel deck and beams for the floors, steel stud exterior curtain walls
21. California State University Chico Seismic Survey - Field inspection, plan review, and seismic report for 75 campus buildings
22. Colusa Hall Renovation and Seismic Upgrade, Chico, CA - Renovation and seismic upgrade for a 1-story unreinforced masonry building built in the 1920’s.
23. Kaiser Data Center Central Plant Seismic Upgrade, Walnut Creek, CA - Five existing wood frame, steel, and masonry buildings tied together to act as single building to protect sensitive fiber optic lines
24. Nevada County Library, Grass Valley, CA - 12,000 sq. ft. 1-story wood and steel frame building with decorative trusses designed with glue-laminated material and steel plate gussets
25. Cosumnes River College Fine Arts Complex, Sacramento, CA - 35,000 sq. ft. project with a concrete tilt-up theater (30 ft. clear height) and four, 1-story wood frame buildings
26. University High School, Turlock, CA - 30,000 sq. ft. project with concrete tilt-up and steel roof gymnasium and five wood and steel frame buildings
27. Gold Run School, Nevada City, CA - 20,000 sq. ft. project with a 2-story wood frame office building and five other 1-story wood frame classroom buildings

1. Center High School, Sacramento, CA - 12,000 sq. ft. project with three 1-story wood frame classroom buildings